

Ian A Nicholls

List of Publications by Year in descending order

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157
papers

7,862
citations

53794

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83
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164
all docs

164
docs citations

164
times ranked

5635
citing authors

#	ARTICLE	IF	CITATIONS
1	Oxytocin-Selective Nanogel Antibody Mimics. <i>International Journal of Molecular Sciences</i> , 2022, 23, 2534.	4.1	4
2	Using Molecular in the Study of Molecularly Imprinted. <i>Methods in Molecular Biology</i> , 2021, 2359, 241-268.	0.9	0
3	Discrimination between sialic acid linkage modes using sialyllactose-imprinted polymers. <i>RSC Advances</i> , 2021, 11, 22409-22418.	3.6	10
4	Tandem Iridium-Catalyzed Decarbonylative C-H Activation of Indole: Sacrificial Electron-Rich Ketone-Assisted Bis-arylsulfenylation. <i>Organic Letters</i> , 2021, 23, 3331-3336.	4.6	12
5	Improved Solvothermal Synthesis of Fe_3O_4 Magnetic Nanoparticles for SiO_2 Coating. <i>Nanomaterials</i> , 2021, 11, 1889.	4.1	23
6	The Use of Computational Methods for the Development of Molecularly Imprinted Polymers. <i>Polymers</i> , 2021, 13, 2841.	4.5	32
7	Molecularly Imprinted Chitosan-Based Thin Films with Selectivity for Nicotine Derivatives for Application as a Bio-Sensor and Filter. <i>Polymers</i> , 2021, 13, 3363.	4.5	4
8	Palladium nanoparticles immobilized on polyethylenimine-derivatized gold surfaces for catalysis of Suzuki reactions: development and application in a lab-on-a-chip context. <i>RSC Advances</i> , 2021, 11, 35161-35164.	3.6	1
9	Making nanostructured materials from maize, milk and malacostraca. <i>Scientific Reports</i> , 2021, 11, 24420.	3.3	2
10	Urea-Based Imprinted Polymer Hosts with Switchable Anion Preference. <i>Journal of the American Chemical Society</i> , 2020, 142, 11404-11416.	13.7	31
11	Towards Peptide and Protein Recognition by Antibody Mimicking Synthetic Polymers – Background, State of the Art, and Future Outlook. <i>Australian Journal of Chemistry</i> , 2020, 73, 300.	0.9	7
12	Cobalt-Catalyzed Oxidative Annulation of Benzothiophene- <i>l</i> -1,1-dioxide through Diastereoselective Double C-H Activation. <i>Organic Letters</i> , 2019, 21, 9806-9811.	4.6	18
13	Polymer synthesis in non-ionic deep eutectic solvents. <i>Polymer Chemistry</i> , 2019, 10, 5289-5295.	3.9	23
14	Non-Ionic Deep Eutectic Liquids: Acetamide-Urea Derived Room Temperature Solvents. <i>International Journal of Molecular Sciences</i> , 2019, 20, 2857.	4.1	17
15	Electrooxidative Amination of sp^2 C-H Bonds: Coupling of Amines with Aryl Amides via Copper Catalysis. <i>Organic Letters</i> , 2019, 21, 1968-1972.	4.6	59
16	Strategies for Molecular Imprinting and the Evolution of MIP Nanoparticles as Plastic Antibodies – Synthesis and Applications. <i>International Journal of Molecular Sciences</i> , 2019, 20, 6304.	4.1	109
17	Enantioselective hyperporous molecularly imprinted thin film polymers. <i>RSC Advances</i> , 2019, 9, 33653-33656.	3.6	8
18	Highly Efficient Synthesis and Assay of Protein-Imprinted Nanogels by Using Magnetic Templates. <i>Angewandte Chemie</i> , 2019, 131, 737-740.	2.0	7

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19	Highly Efficient Synthesis and Assay of Protein-Imprinted Nanogels by Using Magnetic Templates. <i>Angewandte Chemie - International Edition</i> , 2019, 58, 727-730.	13.8	58
20	Selective Sensing of the Biotinyl Moiety Using Molecularly Imprinted Polyaniline Nanowires. <i>Journal of the Electrochemical Society</i> , 2018, 165, B669-B678.	2.9	9
21	Hierarchical polymeric architectures through molecular imprinting in liquid crystalline environments. <i>European Polymer Journal</i> , 2018, 106, 223-231.	5.4	6
22	Affinity Capillary Electrochromatography of Molecularly Imprinted Thin Layers Grafted onto Silica Capillaries Using a Surface-Bound Azo-Initiator and Living Polymerization. <i>Polymers</i> , 2018, 10, 192.	4.5	12
23	CHAPTER 7. Theoretical and Computational Strategies in Molecularly Imprinted Polymer Development. <i>RSC Polymer Chemistry Series</i> , 2018, , 197-226.	0.2	2
24	Monoprotected α -Amino Acid (MPAA), Accelerated Bromination, Chlorination, and Iodination of $C(sp^2)$ -H Bonds by Iridium(III) Catalysis. <i>Chemistry - A European Journal</i> , 2017, 23, 7031-7036.	3.3	28
25	The influence of a methyl substituent on molecularly imprinted polymer morphology and recognition of Acrylic acid versus methacrylic acid. <i>European Polymer Journal</i> , 2017, 92, 137-149.	5.4	33
26	Cobalt Catalyzed, Regioselective $C(sp^2)$ -H Activation of Amides with 1,3-Diynes. <i>Organic Letters</i> , 2017, 19, 4758-4761.	4.6	69
27	Electrochemically synthesized molecularly imprinted polythiophene nanostructures as recognition elements for an aspirin-chemosensor. <i>Sensors and Actuators B: Chemical</i> , 2017, 253, 428-436.	7.8	26
28	Rhodium(III)-catalysed, redox-neutral $C(sp^2)$ -H alkenylation using pivalimide as a directing group with internal alkynes. <i>Tetrahedron Letters</i> , 2017, 58, 1-4.	1.4	9
29	In silico screening of molecular imprinting prepolymerization systems: oseltamivir selective polymers through full-system molecular dynamics-based studies. <i>Organic and Biomolecular Chemistry</i> , 2016, 14, 4210-4219.	2.8	22
30	Rh-Catalyzed Five-Membered Heterocycle Synthesis. <i>Catalytic Science Series</i> , 2016, , 127-172.	0.0	0
31	The effect of crosslinking density on molecularly imprinted polymer morphology and recognition. <i>European Polymer Journal</i> , 2016, 75, 423-430.	5.4	49
32	Reciprocal relationship between contact and complement system activation on artificial polymers exposed to whole human blood. <i>Biomaterials</i> , 2016, 77, 111-119.	11.4	21
33	A k-nearest neighbor classification of hERG K ⁺ channel blockers. <i>Journal of Computer-Aided Molecular Design</i> , 2016, 30, 229-236.	2.9	32
34	Copper catalysed amidation of aryl halides through chelation assistance. <i>Chemical Communications</i> , 2015, 51, 4834-4837.	4.1	17
35	Heparin molecularly imprinted surfaces for the attenuation of complement activation in blood. <i>Biomaterials Science</i> , 2015, 3, 1208-1217.	5.4	19
36	Acute Toxicity-Supported Chronic Toxicity Prediction: A k-Nearest Neighbor Coupled Read-Across Strategy. <i>International Journal of Molecular Sciences</i> , 2015, 16, 11659-11677.	4.1	23

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37	Study of the Interaction of Trastuzumab and SKOV3 Epithelial Cancer Cells Using a Quartz Crystal Microbalance Sensor. <i>Sensors</i> , 2015, 15, 5884-5894.	3.8	23
38	Palladium Catalyzed Vinyltrifluoromethylation of Aryl Halides through Decarboxylative Cross-Coupling with 2-(Trifluoromethyl)acrylic Acid. <i>Organic Letters</i> , 2015, 17, 1874-1877.	4.6	32
39	Theoretical and Computational Strategies for the Study of the Molecular Imprinting Process and Polymer Performance. <i>Advances in Biochemical Engineering/Biotechnology</i> , 2015, 150, 25-50.	1.1	18
40	Hydrogen bond diversity in the pre-polymerization stage contributes to morphology and MIP-template recognition – MAA versus MMA. <i>European Polymer Journal</i> , 2015, 66, 558-568.	5.4	19
41	Simulation of imprinted emulsion prepolymerization mixtures. <i>Polymer Journal</i> , 2015, 47, 827-830.	2.7	11
42	Prediction of inflammatory responses induced by biomaterials in contact with human blood using protein fingerprint from plasma. <i>Biomaterials</i> , 2015, 36, 55-65.	11.4	52
43	A Phage Display Screening Derived Peptide with Affinity for the Adenyl Moiety. <i>Biosensors</i> , 2014, 4, 137-149.	4.7	9
44	Experimental and Theoretical Studies in the EU FP7 Marie Curie Initial Training Network Project, Environmental Cheminformatics (ECO). <i>ATLA Alternatives To Laboratory Animals</i> , 2014, 42, 7-11.	1.0	3
45	Towards Global QSAR Model Building for Acute Toxicity: Munro Database Case Study. <i>International Journal of Molecular Sciences</i> , 2014, 15, 18162-18174.	4.1	36
46	On the Influence of Crosslinker on Template Complexation in Molecularly Imprinted Polymers: A Computational Study of Prepolymerization Mixture Events with Correlations to Template-Polymer Recognition Behavior and NMR Spectroscopic Studies. <i>International Journal of Molecular Sciences</i> , 2014, 15, 10622-10634.	4.1	40
47	A Functional Monomer Is Not Enough: Principal Component Analysis of the Influence of Template Complexation in Pre-Polymerization Mixtures on Imprinted Polymer Recognition and Morphology. <i>International Journal of Molecular Sciences</i> , 2014, 15, 20572-20584.	4.1	24
48	International Journal of Molecular Science Best Paper Award 2014. <i>International Journal of Molecular Sciences</i> , 2014, 15, 1683-1685.	4.1	6
49	Molecular imprinting science and technology: a survey of the literature for the years 2004-2011. <i>Journal of Molecular Recognition</i> , 2014, 27, 297-401.	2.1	375
50	Molecular dynamics approaches to the design and synthesis of PCB targeting molecularly imprinted polymers: interference to monomer-template interactions in imprinting of 1,2,3-trichlorobenzene. <i>Organic and Biomolecular Chemistry</i> , 2014, 12, 844-853.	2.8	24
51	Rhodium(iii)-catalysed aerobic synthesis of highly functionalized indoles from N-aryurea under mild conditions through C-H activation. <i>Chemical Communications</i> , 2014, 50, 14964-14967.	4.1	37
52	Biotin selective polymer nano-films. <i>Journal of Nanobiotechnology</i> , 2014, 12, 8.	9.1	14
53	Rhodium-Catalyzed Oxidative Perfluoroalkenylation by Carbonyl Group Directed C-H Bond Activation. <i>European Journal of Organic Chemistry</i> , 2014, 2014, 7211-7219.	2.4	10
54	Hierarchical Thin Film Architectures for Enhanced Sensor Performance: Liquid Crystal-Mediated Electrochemical Synthesis of Nanostructured Imprinted Polymer Films for the Selective Recognition of Bupivacaine. <i>Biosensors</i> , 2014, 4, 90-110.	4.7	16

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55	Theoretical Studies of 17- β -Estradiol-Imprinted Prepolymerization Mixtures: Insights Concerning the Roles of Cross-Linking and Functional Monomers in Template Complexation and Polymerization. <i>Industrial & Engineering Chemistry Research</i> , 2013, 52, 13965-13970.	3.7	26
56	How Warfarin's Structural Diversity Influences Its Phospholipid Bilayer Membrane Permeation. <i>Journal of Physical Chemistry B</i> , 2013, 117, 2384-2395.	2.6	17
57	Protein-resistant hyperbranched polyethyleneimine brush surfaces. <i>Journal of Colloid and Interface Science</i> , 2013, 396, 307-315.	9.4	46
58	Biotinyl moiety-selective polymer films with highly ordered macropores. <i>Chemical Communications</i> , 2013, 49, 5274.	4.1	13
59	Computational Strategies for the Design and Study of Molecularly Imprinted Materials. <i>Industrial & Engineering Chemistry Research</i> , 2013, 52, 13900-13909.	3.7	43
60	Influence of Composition and Morphology on Template Recognition in Molecularly Imprinted Polymers. <i>Macromolecules</i> , 2013, 46, 1408-1414.	4.8	49
61	Design and implementation of an imprinted material for the extraction of the endocrine disruptor bisphenol A from milk. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2013, 931, 164-169.	2.3	40
62	Consequences of Morphology on Molecularly Imprinted Polymer-Ligand Recognition. <i>International Journal of Molecular Sciences</i> , 2013, 14, 1207-1217.	4.1	27
63	Monitoring the Distribution of Warfarin in Blood Plasma. <i>ACS Medicinal Chemistry Letters</i> , 2012, 3, 650-652.	2.8	14
64	An Artificial Estrogen Receptor through Combinatorial Imprinting. <i>Chemistry - A European Journal</i> , 2012, 18, 14773-14783.	3.3	17
65	Mechanisms underlying molecularly imprinted polymer molecular memory and the role of crosslinker: resolving debate on the nature of template recognition in phenylalanine anilide imprinted polymers. <i>Journal of Molecular Recognition</i> , 2012, 25, 69-73.	2.1	38
66	Computational and structural studies on the complexation of cobalt(II) acetate by water and pyridine. <i>Journal of Molecular Structure</i> , 2012, 1007, 45-51.	3.6	3
67	In situ detection of warfarin using time-correlated single-photon counting. <i>Biochemical and Biophysical Research Communications</i> , 2011, 407, 60-62.	2.1	10
68	A density functional study on the factors governing metal catalysis of the direct aldol reaction. <i>Journal of Molecular Catalysis A</i> , 2011, 351, 76-80.	4.8	1
69	Effect of the cross-linker on the general performance and temperature dependent behaviour of a molecularly imprinted polymer catalyst of a Diels-Alder reaction. <i>Journal of Molecular Catalysis B: Enzymatic</i> , 2011, 72, 199-205.	1.8	26
70	Innate immunity activation on biomaterial surfaces: A mechanistic model and coping strategies. <i>Advanced Drug Delivery Reviews</i> , 2011, 63, 1042-1050.	13.7	163
71	Towards a synthetic avidin mimic. <i>Analytical and Bioanalytical Chemistry</i> , 2011, 400, 1397-1404.	3.7	11
72	Rational design of biomimetic molecularly imprinted materials: theoretical and computational strategies for guiding nanoscale structured polymer development. <i>Analytical and Bioanalytical Chemistry</i> , 2011, 400, 1771-1786.	3.7	77

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73	Comparison of theoretical and experimental models for characterizing solvent properties using reversed phase liquid chromatography. <i>Analytica Chimica Acta</i> , 2011, 702, 37-44.	5.4	10
74	Blood protein-polymer adsorption: Implications for understanding complement-mediated hemoincompatibility. <i>Journal of Biomedical Materials Research - Part A</i> , 2011, 97A, 74-84.	4.0	48
75	The mechanistic basis for warfarin's structural diversity and implications for its bioavailability. <i>Computational and Theoretical Chemistry</i> , 2010, 958, 7-9.	1.5	15
76	Warfarin: an environment-dependent switchable molecular probe. <i>Journal of Molecular Recognition</i> , 2010, 23, 604-608.	2.1	22
77	Preparation, characterization and application of a stationary chromatographic phase from a new (+)-tartaric acid derivative. <i>Tetrahedron Letters</i> , 2010, 51, 2258-2261.	1.4	7
78	<i>Escherichia coli</i> mar and acrAB Mutants Display No Tolerance to Simple Alcohols. <i>International Journal of Molecular Sciences</i> , 2010, 11, 1403-1412.	4.1	28
79	Synthetic Human Serum Albumin Sudlow I Binding Site Mimics. <i>Journal of Medicinal Chemistry</i> , 2010, 53, 7932-7937.	6.4	25
80	Molecularly imprinted polymer catalysis of a Diels-Alder reaction. <i>Journal of Molecular Catalysis B: Enzymatic</i> , 2009, 58, 110-117.	1.8	75
81	Probing the limits of molecular imprinting: strategies with a template of limited size and functionality. <i>Journal of Molecular Recognition</i> , 2009, 22, 18-25.	2.1	18
82	Dielectric constants are not enough: Principal component analysis of the influence of solvent properties on molecularly imprinted polymer-ligand rebinding. <i>Biosensors and Bioelectronics</i> , 2009, 25, 553-557.	10.1	22
83	Theoretical and computational strategies for rational molecularly imprinted polymer design. <i>Biosensors and Bioelectronics</i> , 2009, 25, 543-552.	10.1	156
84	Molecular Insights on the Two Fluorescence Lifetimes Displayed by Warfarin from Fluorescence Anisotropy and Molecular Dynamics Studies. <i>Journal of Physical Chemistry B</i> , 2009, 113, 7945-7949.	2.6	16
85	Structure and Dynamics of Monomer-Template Complexation: An Explanation for Molecularly Imprinted Polymer Recognition Site Heterogeneity. <i>Journal of the American Chemical Society</i> , 2009, 131, 13297-13304.	13.7	112
86	Synthesis and ligand recognition of paracetamol selective polymers: semi-covalent versus non-covalent molecular imprinting. <i>Organic and Biomolecular Chemistry</i> , 2009, 7, 3148.	2.8	16
87	A conformationally isoformic thermophilic protein with high kinetic unfolding barriers. <i>Cellular and Molecular Life Sciences</i> , 2008, 65, 827-839.	5.4	7
88	Phage display screening in low dielectric media. <i>Journal of Molecular Recognition</i> , 2008, 21, 330-337.	2.1	5
89	Diffusion Dynamics of Motor-Driven Transport: Gradient Production and Self-Organization of Surfaces. <i>Langmuir</i> , 2008, 24, 13509-13517.	3.5	26
90	Correlated theoretical, spectroscopic and X-ray crystallographic studies of a non-covalent molecularly imprinted polymerisation system. <i>Analyst</i> , 2007, 132, 1161.	3.5	63

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91	Mode of Heavy Meromyosin Adsorption and Motor Function Correlated with Surface Hydrophobicity and Charge. <i>Langmuir</i> , 2007, 23, 11147-11156.	3.5	39
92	The Spectrophysics of Warfarin: Implications for Protein Binding. <i>Journal of Physical Chemistry B</i> , 2007, 111, 10520-10528.	2.6	51
93	A Class II Aldolase Mimic. <i>Journal of Organic Chemistry</i> , 2006, 71, 4845-4853.	3.2	28
94	Actin Filament Guidance on a Chip: Toward High-Throughput Assays and Lab-on-a-Chip Applications. <i>Langmuir</i> , 2006, 22, 7286-7295.	3.5	75
95	Selective Spatial Localization of Actomyosin Motor Function by Chemical Surface Patterning. <i>Langmuir</i> , 2006, 22, 7302-7312.	3.5	54
96	Influence of Water Miscible Organic Solvents on $\hat{\pm}$ -chymotrypsin in Solution and Immobilized on Eupergit CM. <i>Biotechnology Letters</i> , 2006, 28, 929-935.	2.2	6
97	Molecular imprinting science and technology: a survey of the literature for the years up to and including 2003. <i>Journal of Molecular Recognition</i> , 2006, 19, 106-180.	2.1	1,073
98	Synthesis, NMR conformational studies and host-guest behaviour of new (+)-tartaric acid derivatives. <i>Tetrahedron: Asymmetry</i> , 2005, 16, 635-640.	1.8	13
99	The Role of Functional Monomer-Template Complexation on the Performance of Atrazine Molecularly Imprinted Polymers. <i>Analytical Letters</i> , 2005, 38, 57-69.	1.8	21
100	Guiding Molecular Motors with Nano-Imprinted Structures. <i>Japanese Journal of Applied Physics</i> , 2005, 44, 3337-3340.	1.5	21
101	On the Role of Electrostatic Interactions in the Enantioselective Recognition of Phenylalanine in Molecularly Imprinted Polymers Incorporating $\hat{2}$ -Cyclodextrin. <i>Polymer Journal</i> , 2005, 37, 793-796.	2.7	17
102	Chemometric Models of Template-Molecularly Imprinted Polymer Binding. <i>Analytical Chemistry</i> , 2005, 77, 5700-5705.	6.5	35
103	TBADH activity in water-miscible organic solvents: correlations between enzyme performance, enantioselectivity and protein structure through spectroscopic studies. <i>Organic and Biomolecular Chemistry</i> , 2005, 3, 750.	2.8	35
104	Guiding motor-propelled molecules with nanoscale precision through silanized bi-channel structures. <i>Nanotechnology</i> , 2005, 16, 710-717.	2.6	63
105	Nuclear magnetic resonance study of the molecular imprinting of ($\hat{\sim}$)-nicotine: template self-association, a molecular basis for cooperative ligand binding. <i>Journal of Chromatography A</i> , 2004, 1024, 39-44.	3.7	70
106	Stereoselective reduction of menthone by molecularly imprinted polymers. <i>Tetrahedron: Asymmetry</i> , 2004, 15, 2431-2436.	1.8	18
107	Enantioselective synthetic thalidomide receptors based upon DNA binding motifs. <i>Organic and Biomolecular Chemistry</i> , 2004, 2, 3374.	2.8	14
108	A Molecularly Imprinted Polymer-Based Synthetic Transaminase. <i>Journal of the American Chemical Society</i> , 2004, 126, 8554-8560.	13.7	69

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109	The roles of template complexation and ligand binding conditions on recognition in bupivacaine molecularly imprinted polymers. <i>Analyst, The</i> , 2004, 129, 456.	3.5	55
110	In vitro sliding of actin filaments labelled with single quantum dots. <i>Biochemical and Biophysical Research Communications</i> , 2004, 314, 529-534.	2.1	137
111	Thermodynamic Considerations and the Use of Molecular Modeling as a Tool for Predicting MIP Performance. , 2004, , 363-393.		0
112	Silanized surfaces for in vitro studies of actomyosin function and nanotechnology applications. <i>Analytical Biochemistry</i> , 2003, 323, 127-138.	2.4	79
113	Towards a "nano-traffic"™ system powered by molecular motors. <i>Microelectronic Engineering</i> , 2003, 67-68, 899-904.	2.4	22
114	Actomyosin motility on nanostructured surfaces. <i>Biochemical and Biophysical Research Communications</i> , 2003, 301, 783-788.	2.1	73
115	Filamentous bacteriophage stability in non-aqueous media. <i>Chemistry and Biology</i> , 2001, 8, 661-671.	6.0	66
116	Probing the molecular basis for ligand-selective recognition in molecularly imprinted polymers selective for the local anaesthetic bupivacaine. <i>Analytica Chimica Acta</i> , 2001, 435, 57-64.	5.4	106
117	On the thermal and chemical stability of molecularly imprinted polymers. <i>Analytica Chimica Acta</i> , 2001, 435, 19-24.	5.4	234
118	Enantioselective solid-phase extraction using Tröger's base molecularly imprinted polymers. <i>Analytica Chimica Acta</i> , 2001, 435, 115-120.	5.4	30
119	Can we rationally design molecularly imprinted polymers?. <i>Analytica Chimica Acta</i> , 2001, 435, 9-18.	5.4	149
120	Molecular imprinting of surfaces. <i>Bioseparation</i> , 2001, 10, 301-305.	0.7	76
121	Thermodynamic principles underlying molecularly imprinted polymer formulation and ligand recognition. <i>Techniques and Instrumentation in Analytical Chemistry</i> , 2001, 23, 59-70.	0.0	4
122	A historical perspective of the development of molecular imprinting. <i>Techniques and Instrumentation in Analytical Chemistry</i> , 2001, 23, 1-19.	0.0	12
123	Receptor and transport properties of imprinted polymer membranes " a review. <i>Journal of Membrane Science</i> , 1999, 157, 263-278.	8.2	259
124	Study of the nature of recognition in molecularly imprinted polymers, II. <i>Journal of Chromatography A</i> , 1999, 848, 39-49.	3.7	169
125	Application of non-specific fluorescent dyes for monitoring enantio-selective ligand binding to molecularly imprinted polymers. <i>Fresenius' Journal of Analytical Chemistry</i> , 1999, 364, 512-516.	1.5	43
126	Enantioselective Tröger's Base Synthetic Receptors. <i>Bioorganic Chemistry</i> , 1999, 27, 363-371.	4.1	20

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127	Combined Hydrophobic and Electrostatic Interaction-Based Recognition in Molecularly Imprinted Polymers. <i>Macromolecules</i> , 1999, 32, 633-636.	4.8	127
128	Molecular recognition in cinchona alkaloid molecular imprinted polymer rods. <i>Analytica Chimica Acta</i> , 1998, 365, 89-93.	5.4	71
129	Towards the rational design of molecularly imprinted polymers. , 1998, 11, 79-82.		53
130	Spectroscopic studies of the molecular imprinting self-assembly process. , 1998, 11, 83-86.		57
131	Novel chiral recognition elements for molecularly imprinted polymer preparation. , 1998, 11, 87-90.		10
132	Phage viability in organic media: insights into phage stability. , 1998, 11, 91-93.		32
133	The rational use of hydrophobic effect-based recognition in molecularly imprinted polymers. , 1998, 11, 94-97.		48
134	Theophylline molecularly imprinted polymer dissociation kinetics: a novel sustained release drug dosage mechanism. <i>Journal of Molecular Recognition</i> , 1998, 11, 98-102.	2.1	77
135	Molecularly imprinted polymer combinatorial libraries for multiple simultaneous chiral separations. <i>Analytical Communications</i> , 1998, 35, 285-287.	2.2	33
136	Selection of phage display combinatorial library peptides with affinity for a yohimbine imprinted methacrylate polymer. <i>Analytical Communications</i> , 1998, 35, 3-7.	2.2	43
137	Theophylline molecularly imprinted polymer dissociation kinetics: a novel sustained release drug dosage mechanism. , 1998, 11, 98.		1
138	Spectroscopic Evaluation of Molecular Imprinting Polymerization Systems. <i>Bioorganic Chemistry</i> , 1997, 25, 203-211.	4.1	107
139	Carbon-Carbon Bond Formation Using Substrate Selective Catalytic Polymers Prepared by Molecular Imprinting: An Artificial Class II Aldolase. <i>Journal of Organic Chemistry</i> , 1996, 61, 5414-5417.	3.2	166
140	Molecular Recognition: An Introduction. <i>Advances in Molecular and Cell Biology</i> , 1996, 15, 621-622.	0.1	1
141	Some recent developments in the preparation of novel recognition systems: A recognition site for the selective catalysis of an aldol condensation using molecular imprinting and specific affinity motifs for β -chymotrypsin using a phage display peptide libr. , 1996, 9, 652-657.		19
142	Highly stereoselective molecularly imprinted polymer synthetic receptors for cinchona alkaloids. <i>Tetrahedron: Asymmetry</i> , 1996, 7, 1357-1361.	1.8	64
143	Recognition in molecularly imprinted polymer β -adrenoreceptor mimics. <i>Bioorganic and Medicinal Chemistry Letters</i> , 1996, 6, 2237-2242.	2.2	34
144	Metal ion mediated recognition in molecularly imprinted polymers. <i>Analytica Chimica Acta</i> , 1996, 335, 71-77.	5.4	91

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145	Molecular Imprinting: The Current Status and Future Development of Polymer-Based Recognition Systems. <i>Advances in Molecular and Cell Biology</i> , 1996, 15, 651-670.	0.1	23
146	An Approach Toward the Semiquantitation of Molecular Recognition Phenomena in Noncovalent Molecularly Imprinted Polymer Systems: Consequences for Molecularly Imprinted Polymer Design. <i>Advances in Molecular and Cell Biology</i> , 1996, 15, 671-679.	0.1	9
147	Thermodynamic Considerations for the Design of and Ligand Recognition by Molecularly Imprinted Polymers. <i>Chemistry Letters</i> , 1995, 24, 1035-1036.	1.3	93
148	Recognition and enantioselection of drugs and biochemicals using molecularly imprinted polymer technology. <i>Trends in Biotechnology</i> , 1995, 13, 47-51.	9.3	94
149	Insights into the role of the hydrogen bond and hydrophobic effect on recognition in molecularly imprinted polymer synthetic peptide receptor mimics. <i>Journal of Chromatography A</i> , 1995, 691, 349-353.	3.7	129
150	Antibody Mimics Obtained by Noncovalent Molecular Imprinting. <i>ACS Symposium Series</i> , 1995, , 89-96.	0.5	11
151	Design, Synthesis, and Opioid Receptor Binding of Some Novel Benzazepine Constrained Leucine Enkephalin Mimetics. <i>Bioorganic Chemistry</i> , 1994, 22, 300-317.	4.1	6
152	Synthetic peptide receptor mimics: highly stereoselective recognition in non-covalent molecularly imprinted polymers. <i>Tetrahedron: Asymmetry</i> , 1994, 5, 649-656.	1.8	137
153	NMR and Molecular Modeling-Based Conformational Analysis of Some N-Alkyl 1- and 2-Benzazepinones: Useful Central Nervous System Agent Design Motifs. <i>Biochemical and Biophysical Research Communications</i> , 1994, 205, 98-104.	2.1	3
154	Central nervous system receptor binding profiles of some 2-amino-4-phenyl quinolines: A novel class of α 2-adrenoceptor selective ligands. <i>Life Sciences</i> , 1993, 53, PL343-PL347.	4.3	1
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